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	APPLICANT(S) Masao SHIMIZU, et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
/SRK/	5-120436	5/1993	JP			Abstract
/SRK/	10-124666	5/1998	JP			Abstract
/SRK/	7-129770	5/1995	JP			Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/SRK/	Shimizu, M. and M. Okutomi, "Koseido Subpixel Suitei Hoho no PIV Gazo eno Tekiyo (An Application of New Precise Sub-Pixel Estimation Method to PIV Images)", <i>Journal of the Visualization of Society of Japan</i> , Vol. 21, No. 1, pp. 35-38 (July 2001) with English-language abstract.
/SRK/	Shimizu, M. and M. Okutomi, "Precise Sub-Pixel Estimation on Area-Based Matching," <i>Paper of the Institute of Electronics, Information and Communication Engineers of Japan D-II</i> , Vol. J84-D-II, No. 7, pp. 1409-1418 (June 2001) with English-language abstract.
/SRK/	Shimizu, M. and M. Okutomi, "Significance and Attributes of Sub-Pixel Estimation on Area-Based Matching," <i>Paper of the Institute of Electronics, Information and Communication Engineers of Japan D-II</i> , Vol. J85-D-II, No. 12, pp. 1791-1800 (December 2002) with English-language abstract.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SRK/

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/SRK/	Davis, C., et al., "Equivalence of Subpixel Motion Estimators Based on Optical Flow and Block Matching," <i>IEEE International Symposium for Computer Vision</i> , Coral Gables, Florida, pp. 7-12 (November 21-23, 1995).
/SRK/	Timoner, S.J. and D.M. Freeman, "Multi-Image Gradient-Based Algorithms for Motion Estimation," <i>Optical Engineering</i> , Vol. 40, No. 9, pp. 2003-2016 (March 29 2001).
/SRK/	Brandt, J., "Improved Accuracy in Gradient-Based Optical Flow Estimation," <i>International Journal of Computer Vision</i> , Vol. 25, No. 1, pp. 5-22 (1997).
/SRK/	Tian, Q. and M. Huhns, "Algorithms for Subpixel Registration," <i>Computer Vision, Graphics, and Image Processing</i> , Vol. 35, pp. 220-233 (1986).
/SRK/	Borman, S., "Block-Matching Sub-Pixel Motion Estimation from Noisy, Under-Sampled Frames - An Empirical Performance Evaluation," <i>SPIE Visual Communications and Image Processing</i> , 10 pages (1999).

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/Stephen R Koziol/	08/29/2008

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